

Ms. Annette Hebert
California Air Resources Board
Mobile Source Operations Division
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USA

4 02 62 4 02 65 H105

CBI_DMBX_COMMON_APPRC35.pdf markus.loesch@daimler.com 04/11/2013

**Notification of a Running Change for 2013 Model Year R-, E-, GLK-, ML-, GL-, S-class
(test groups DMBXT03.0U2B, DMBXV03.0U2B, DMBXT02.2U2A, DMBXT03.0U2A,
DMBXT03.0U2C, DMBXV03.0U2A)**

Dear Ms. Hebert,

Mercedes-Benz is officially notifying you of a running change (R/C) for the test groups noted above and listed in the attachment. The revision has been completed under the provision of 40 CFR 86.1842 - 01 adopted by the "California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light- Duty Trucks, and Medium Duty vehicles" incorporated by reference by CCR title 13, § 1961 (d).

A software adaption in the NOx sensor control unit avoids potential signal oscillations.

Mercedes-Benz certification department has reviewed this request and determined that the running change does not require exhaust emission testing.

If there are any questions regarding this submission please contact Markus Loesch at +49-7031-90-40262.

Sincerely yours,
Daimler AG



Markus Loesch
Certification Representative

Attachment:
R/C documents for individual test groups (Page 2-7)

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXT02.2U2A

R/C No.: T02.2U2A-01

Model:

GLK 250 BLUETEC 4MATIC
MY13
OM651-22
OM651-22

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

GLK 250 BLUETEC 4MATIC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXT03.0U2A

R/C No.: T03.0U2A-06

Model:

ML 350 BLUETEC 4MATIC - GL 350 BLUETEC 4MATIC
MY09-MY13
OM642-30B
OM642-30B

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

ML 350 BLUETEC 4MATIC - GL 350 BLUETEC 4MATIC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXT03.0U2B

R/C No.: T03.0U2B-04

Model:

R 350 BLUETEC 4MATIC
MY09 - MY13
OM642-30
OM642-30

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

R 350 BLUETEC 4MATIC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXT03.0U2C

R/C No.: T03.0U2C-04

Model:

ML 350 BLUETEC 4MATIC - GL 350 BLUETEC 4MATIC
MY09-MY13
OM642-30B
OM642-30B

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

ML 350 BLUETEC 4MATIC - GL 350 BLUETEC 4MATIC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXV03.0U2A

R/C No.: V03.0U2A-02

Model:

S 350 BLUETEC 4MATIC
MY12-MY13
OM642-30B
OM642-30B

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

S 350 BLUETEC 4MATIC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none

Manufacturer: Daimler AG

Brand Name: Mercedes-Benz

Model Year: 2013

Test Group: DMBXV03.0U2B

R/C No.: V03.0U2B-02

Model:

E 350 BLUETEC
MY10 - MY13
OM642-30
OM642-30

Field Fix:

Engine Code before R/C:

Engine Code after R/C:

Reference:

NOx Sensor

Description of Change:

Adaption of software in the sensor control unit avoids possible signal oscillations.

Part No. before R/C:

Part No. after R/C:

E 350 BLUETEC
A 000 905 6900
A 000 905 7000
A 000 905 7100
A 000 905 34 03
A 000 905 35 03
A 000 905 36 03

Reason for Change:

Signal oscillations may occur.

Influence on

Exhaust Emissions:

Durability and deterioration:

EVAP Emissions:

Fuel Economy:

OBD:

none

yes

none

none

none